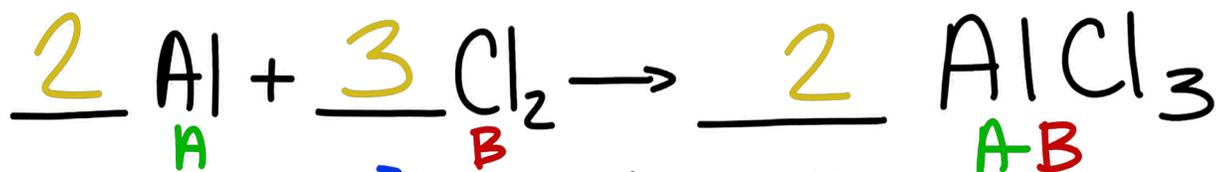


# Noteset 4E (Part 4) - In Class Noteset

## Combining Writing and Balancing Chemical Reactions

### Combining Writing + Balancing Reactions



3A	A	B	7A
+3		-1	
Al		Cl	
$\text{AlCl}_3$			

Reactants

Al: ~~1~~ 2  
 Cl: ~~2~~ 6

Products

Al: ~~1~~ 2  
 Cl: ~~3~~ 6

① Cl left 2:3  
 3-2 right

② Al 1:2  
 2-1



A	C	6A
+2	-2	
Cr		S
$\text{CrS} \xrightarrow{\text{Reduce}} \text{CrS}$		

Reactants

Cr: ~~1~~ 3  
 Mn: 2  
 S: 3

Products

Cr: ~~1~~ 3  
 Mn: ~~1~~ 2  
 S: ~~1~~ 3

← Match Chart

① S 3:1  
 1-3

② Cr 1:3  
 3-1

③ Mn 2:1  
 1-2

# Double Replacement Reaction

